

## CLAIMS:

1. Communication network comprising a plurality of secondary nodes being coupled to at least one primary node, said secondary nodes being arranged for transmitting packets to the primary node according to predetermined transmission properties, characterized in that the secondary node comprises selection means for selecting packets according to address information in their header, and in that the transmission means are arranged for transmission of said packets with transmission properties dependent on the selection performed by the selection means.
2. Communication system according to claim 1, characterized in that the secondary node comprises address translation means for translating initial address information carried by packets received from at least one terminal device into said address information carrying information about the transmission properties to be used for transmitting the associated packets.
3. Communication system according to claim 2, characterized in that the communication network comprises further address translating means for translating said address information back into the address information present in the packets received by the secondary nodes from said terminal device.
4. Communication system according to claim 3, characterized in that the primary node comprises the further translation means.
5. Communication network according to claim 3 or 4, characterized in that the communication network comprises cross connect means for passing packets from the secondary nodes to an outside network, and in that the further address translating means are arranged for translating the address information before the packets are applied to the cross connect means.

6. Node for use in a communication network, said node being arranged for transmitting packets according to predetermined transmission properties to a primary node, characterized in that the secondary node comprises selection means for selecting packets according to address information in their header, and in that the transmission means are  
5 arranged for transmission of said packets with transmission properties dependent on the selection performed by the selection means.

7. Node according to claim 6, characterized in that said node comprises address translation means for translating initial address information carried by packets received from  
10 at least one terminal device into said address information carrying information about the transmission properties to be used for transmitting the associated packets.

8. Communication method comprising transmitting packets according to predetermined transmission properties, characterized in that the communication method  
15 comprises selecting packets according to address information in their header, and in that the communication method comprises transmission of said packets with transmission properties dependent on the selection performed.

9. Communication method according to claim 8, characterized in that the method  
20 comprises translating initial address information carried by packets received from at least one terminal device into said address information carrying information about the transmission properties to be used for transmission of the associated packets.

10. Communication method according to claim 9, characterized in that the  
25 communication method comprises translating said address information back into the address information present in the packets received by the secondary nodes from said terminal device.